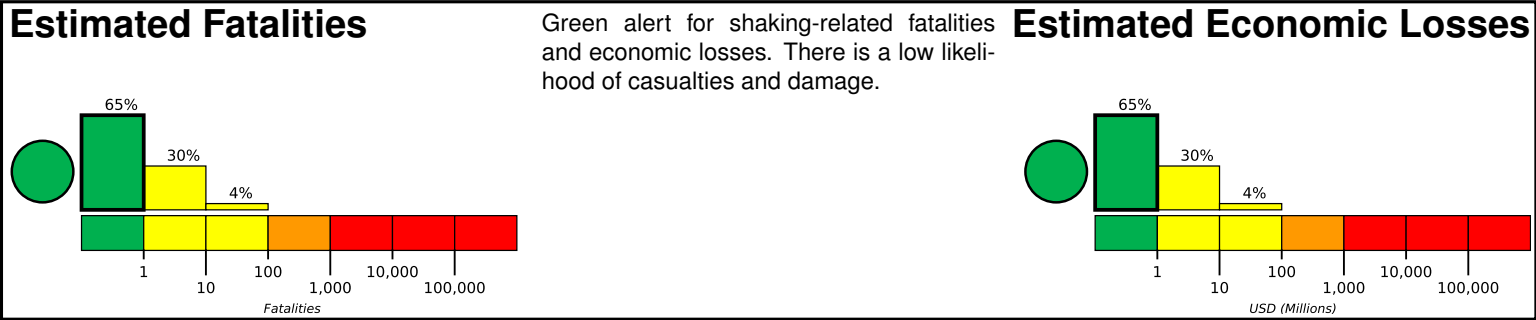


M 5.6, 9 km NW of Emiliano Zapata, Mexico

Origin Time: 2023-09-08 15:53:22 UTC (Fri 10:53:22 local)
Location: 19.4487° N 105.0212° W Depth: 35.0 km

PAGER Version 1

Created: 23 minutes, 41 seconds after earthquake

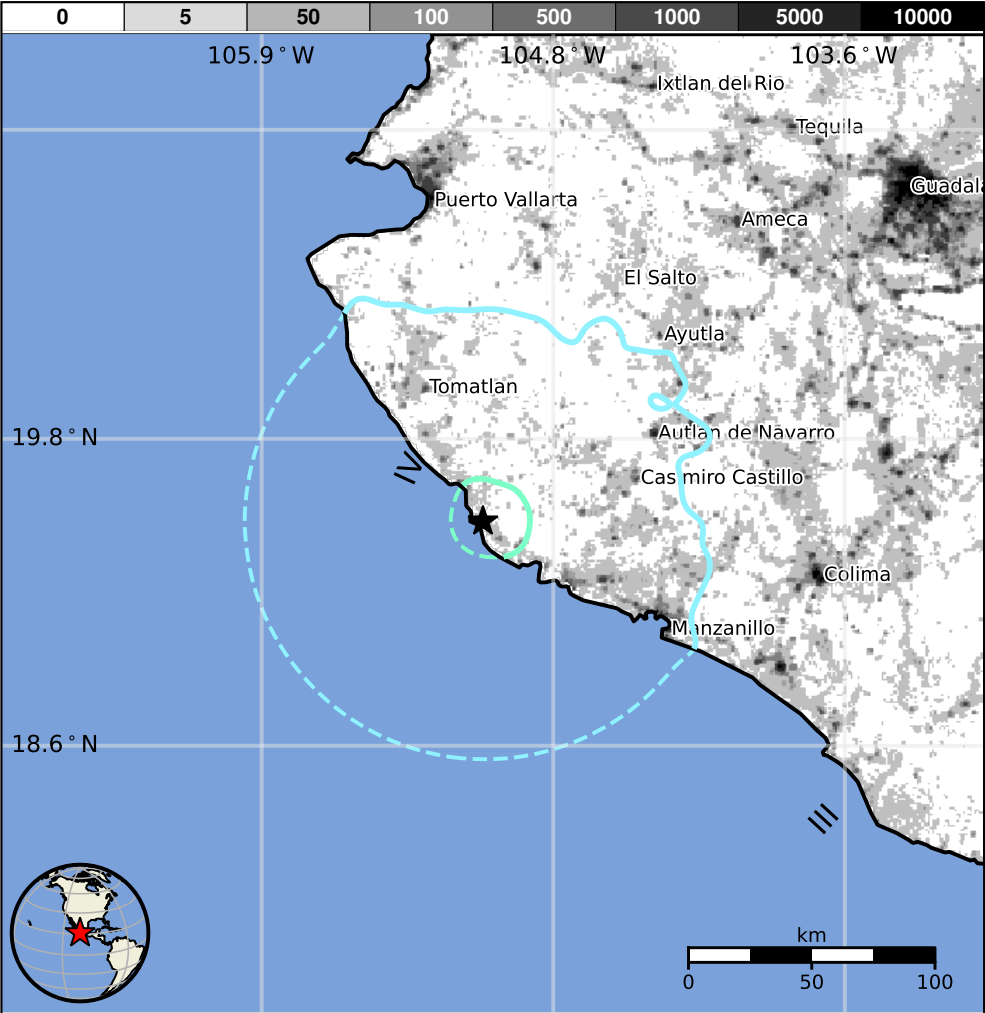


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	7,925k*	490k	15k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block with concrete bond beam construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2003-01-22	117	7.5	VII(300k)	29
1997-01-11	272	7.1	VIII(13k)	1
1985-09-19	300	8.0	VII(309k)	10k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Las Juntas	6k
IV	Emiliano Zapata (El Ranchito)	2k
IV	San Patricio	7k
IV	La Huerta	8k
IV	Jaluco	3k
IV	Purificacion	5k
III	Colima	127k
III	Guadalajara	1,641k
III	Zapopan	988k
III	Tlaquepaque	494k
III	Tonalá	402k